

## WHAT IS CLAIMED IS

1. A system for data transmission and reception comprising:
  - a wireless data broadcast system broadcasting outgoing data from a data network to a plurality of users, the wireless data broadcast system further comprising:
    - one or more wireless broadcast repeaters;
  - 5 a wireless data return path system receiving incoming data from the plurality of users and providing the incoming data to the data network, the wireless data return path system further comprising:
    - one or more wireless collector systems receiving data from a predetermined set of the plurality of users;
    - 10 one or more return path repeater systems receiving data from one or more predetermined wireless collector systems; and
  - wherein the system uses terrestrial line-of-sight broadcasting in conjunction with satellite data transmission systems.